

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2096	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2096								
Wetherbee Lake	M	0.17						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.14			
Animal Control	0.03		0.03	17.65%				
<i>LMA Totals:</i>	0.03	0.00	0.03	17.65%	0.14	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2013 Levee Inspection Results

Reclamation District No. 2096 Wetherbee Lake

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Reclamation District No. 2096 Wetherbee Lake

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	0.17
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	03/15/2013 - 03/15/2013		10/23/2013 - 10/23/2013	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Randy Barker RD 2096		Randy Barker RD 2096	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2096 Wetherbee Lake

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	0.17	10/23/2013 10/23/2013	Maksim Khashchuk

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	1
DWR ID: DWR_RD2096_01_s_2013_1										
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	2
DWR ID: DWR_RD2096_01_s_2013_2										
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	4
DWR ID: DWR_RD2096_01_s_2013_4										
4	0.02	0.02	Earthen Levee	Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.773901 ° -121.298399 °	37.773901 ° -121.298399 °	10 Y
DWR ID: DWR_RD2096_01_s_2013_10										
5	0.04	0.17	Earthen Levee	Encroachments	LS	M En	FE : Fence Inspector Comments: Fence at toe of levee obstructs access.	37.773495 ° -121.298411 °	37.772722 ° -121.298436 °	3 Y
DWR ID: DWR_RD2096_01_s_2012_3										
6	0.05	0.05	Earthen Levee	Encroachments	LS	A/W En	PO : Pole Inspector Comments: Two telephone poles at landside levee toe.	37.773479 ° -121.298486 °	37.773479 ° -121.298486 °	8 Y
DWR ID: DWR_RD2096_01_f_2013_8										
7	0.07	0.07	Earthen Levee	Encroachments	LS	M En	PR : Prunings	37.773248 ° -121.298479 °	37.773248 ° -121.298479 °	11 Y
DWR ID: DWR_RD2096_01_f_2013_11										
8	0.09	0.09	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.772909 ° -121.298445 °	37.772909 ° -121.298445 °	6 Y
DWR ID: DWR_RD2096_01_s_2012_6										
9	0.11	0.11	Earthen Levee	Animal Control	WS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.772688 ° -121.298452 °	37.772688 ° -121.298452 °	9
DWR ID: DWR_RD2096_01_s_2013_9										
10	0.12	0.12	Earthen Levee	Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA is actively managing rodent infestation. Recently completed grouting.	37.772485 ° -121.298463 °	37.772485 ° -121.298463 °	5 Y
DWR ID: DWR_RD2096_01_s_2012_5										
11	0.12	0.12	Earthen Levee	Encroachments	WS	C Ma	PI : Pipe Inspector Comments: Open 2" steel pipe on waterside slope.	37.772477 ° -121.298383 °	37.772477 ° -121.298383 °	7
DWR ID: DWR_RD2096_01_f_2012_7										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.17	10/23/2013 10/23/2013	Maksim Khashchuk

Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent burrow on the waterside levee slope.

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Levee Mile Report Line	5
Start Levee Mile	0.04
End Levee Mile	0.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments

11/09/2011 Fence at the toe of the levee.

mkhashch_f_20130923_516.jpg



Levee Mile Report Line	6
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the telephone poles at the landside levee toe.

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*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspection Report By Mile - Fall 2013

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.17	10/23/2013 10/23/2013	Maksim Khashchuk

Levee Mile Report Line	7
Start Levee Mile	0.07
End Levee Mile	0.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the prunings at the landside levee toe obstructing visibility and access.

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Levee Mile Report Line	8
Start Levee Mile	0.09
End Levee Mile	0.09
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent burrow on the landside levee toe.

mkhashch_f_20131028_698.JPG



Levee Mile Report Line	10
Start Levee Mile	0.12
End Levee Mile	0.12
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the multiple rodent burrows recently grouted on the waterside levee slope. Monitor and exterminate any remaining rodents in the area.

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*** Location**

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WS : Water Side
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**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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